



M/V Dong Fang Ming Zhu

□ SAFETY

Full compliance with maritime regulations and industry standards(E&P Forum/IAGC/SOLAS)

Self regulating HSE management system by means of company commissioned external audits.Implementation ISM international safety management modelsPurpose designed SOLAS satandard workboat plus FRC/MOB craft.

Outboard paravane stowage and deployment

Back up emergency retrieval power system

Back deck working areas with non-slip decking and video monitoring

Full coverage foam systems and fire monitoring system.ARPA radar system.

Specification of vessel

Name	DongFangMingZhu
Built/rebuilt	1994 ShangHai P.R.China
Flag	Tianjin P.R.China
Call sign	BFKL
Classification	CCS, DNV
Length/Beam/Draft	78.82m*16*5.6m
Gross tonnage	3676 Tons
Operating range	35 Days
Beds	60
Main engines	2*MAK Diesel, 6M453C, 2200Kw
Propulsion	Variable pitch
Thrusters	C.P.P. 1300, Thrust 4.5 tons, Motor 370 Kw
Fuel capacity	857Cubic meters
Fresh water capacity	365Tons
Cruising	14K
Helideck	Rated for Super Puma 3228Bell 212ST
Radar	1*Furuno FR2020X 1*Furuno FR2030S
Gyro compass	CMZ900S
Echo sounder	Simrad EA-500
GPS	1 Furuno JLR 6000
Marisat	INMARSATA/B/M and high speed data transmit chain
VHF/SSB	"Anritsu, Model RF29A"
Rescue boat	Holen Mek HT Troll 23 jet

Production Capacity

High streamer capacity	up to 4
Streamer Channels	up to 4*480
Streamer length	up to 4*5100
Multiple sources	Sleeve Guns 2
High outer streamer separation	up to 300m
High Relusition	Yes
Annual acquisition capacity	3500km ²

Seismic recording system

Streamer

Manufactory/Type	SERCEL/SSAS
Hydrophone	Exportable Sercel Flexible Hydrophone

Hydrophone group	8*12.5m
Streamer depth controller	ION PCS
Available group lengths	12.5 meters
Lateral Control	DigiFIN

Instrument

Manufactory/Type	SERCEL / Seal 408
Tape format	SEG-D 8058
Aux channels	60
Low cut	Analog 3 Hz
High cut	0.8FN(Linear or Minimum Phase)
Sample rates	0.25, 0.5, 1, 2, 4ms
Recording drive	IBM3592

Navigation System

Navigation system	ORCA
Binning system	Integrated in ORCA
Acoustic system	ION PCS
Offline processing system	Integrated in ORCA

Energy Source

Multiple sources	2
Type of guns	G II
Volume Source	up to 3185 cu.in
Production pressure	2000 PSI
Max.no.of sub.arrays	8
Gun controler	BigShot
Near Field	SSMS
Compressor type	LMF*4

Onboard 2D&3D Seismic Processing

Hardware	IBM system 3650
Software	FOCUS 5.4
3D Processing	QC and full offset 3D DMO stack onboard
2D Processing	QC and /or full 2D production processing.-Near trace cube/RMS calculations/other seismic attributes

High speed datas transmit chain Yes

Gravity/magnetic system By client